

WHAT IS CLAIMED IS:

1. A network browser comprising:

an analysis module of analyzing a display control file of managing a display screen to extract a description of another file;

a downloading module of downloading from a server said another file identified by the analysis means;

a first loading module of loading said another file which has been downloaded onto an invisible screen; and

a display module of executing or displaying said another file loaded into the invisible screen without downloading said another file when said another file in the display control file is designated on the display screen.

2. A network browser according to Claim 1, wherein said analysis module includes a second loading module of loading another module when said another file requires said another module of execution or display of said another file.

3. A network browser according to Claim 1, wherein said analysis module has:

a work list in which work file names are stacked;

an analysis target list in which names of files which

need analysis are stacked; and

a non-analysis-target list in which names of files which need no analysis are stacked,

wherein when a file name read out from the work list does not coincide with any of the file names stacked in the non-analysis-target list, it is stacked in the analysis target list, and the file names stacked in the analysis target list are successively read out to execute accessing a server on the basis of the file names read out.

4. A network browser according to Claim 3, wherein said analysis module accesses the server on the basis of each of the file names stacked in the analysis target list, and stacks each file name in the non-analysis-target list after the corresponding file has been downloaded.

5. A network browser according to Claim 1, wherein said analysis module monitors an operation on the display screen and starts analysis of the display control file or downloading of said another file if no operation on the display screen has been performed during a certain time period.

6. A network browser according to Claim 1, wherein said analysis module monitors coordinate designation means on the

display screen and starts analysis of the display control file or downloading of said another file if said coordinate designation means has stayed within a certain area during a certain time period.

7. A network browser according to Claim 6, further comprising a correspondence table in which said certain area and file names indicated in said certain area and extracted from the display control file are related to each other, wherein said analysis means determines said another file to be downloaded by referring to said table.

8. A network browser according to Claim 7, wherein said certain area is one of the screen areas divided in the form of frames, and said correspondence table is formed by respectively relating the screen area and other files set with respective screen areas and indicated on the display control file.

9. A network browser according to Claim 1, wherein said analysis module collectively downloads from the server a plurality of files placed subordinate to one higher-level directory as said other files.

10. A network browser according to Claim 9, wherein said other files include files placed at different subordinate hierarchical levels as well as those placed at the same hierarchical level subordinate to one higher-level directory.

11. A network browser according to Claim 9 or 10, wherein said analysis module has a correspondence table in which a high-level directory and files at a lower-hierarchical level are related to each other, and determines a file as another file to be downloaded by referring to the correspondence table.

12. A network browser according to Claim 1, wherein the invisible screen is updated each time the display control file of controlling the display screen is changed, and updating of the invisible screen is not performed if another file loaded before an updating change and still another file to be loaded after the displaying change are identical to each other.

13. A network browser according to Claim 1, wherein said analysis module gives a visual notice by changing the display on the display screen when starting analysis of the display control file or downloading of another file.

14. A network browser according to Claim 13, wherein the change in the display on the display screen comprises a visual change of coordinate designation means displayed on the display screen.

15. A method for display using a network browser comprising the steps of:

analyzing a display control file for managing a display screen to extract a description of another file;

downloading from a server said another file identified by the analysis module;

loading said downloaded another file onto an invisible screen; and

executing or displaying said another file loaded into the invisible screen without downloading said another file when said another file in the display control file is designated on the display screen.

16. A method for display using a network browser according to Claim 15, wherein at the time of said analysis, if said another file requires another module to execute or display said another file, said another module is loaded.

17. A method for display using a network browser

according to Claim 15, wherein at the time of said analysis, an operation on the display screen is monitored and analysis of the display control file or downloading of said another file is started if no operation on the display screen has been performed during a certain time period.

18. A method for display using a network browser according to Claim 15, wherein at the time of said analysis, coordinate designation means on the display screen is monitored and analysis of the display control file or downloading of said another file is started if said coordinate designation means has stayed within a certain area during a certain time period.

19. A computer-executable storage medium comprising a program stored thereon, said program of performing a process comprising:

analyzing a display control file of managing a display screen to extract a description of another file;

downloading from a server said another file identified by the analysis module;

loading said another file onto an invisible screen; and

executing or displaying said another file loaded into the invisible screen without downloading said another file when

said another file in the display control file is designated on the display screen.

20. A computer-executable storage medium according to Claim 19, wherein at the time of said analysis, if said another file requires another module of execution or display of said another file, said another module is loaded.

21. A computer-executable storage medium according to Claim 19, wherein at the time of said analysis, an operation on the display screen is monitored and analysis of the display control file or downloading of said another file is started if no operation on the display screen has been performed during a certain time period.

22. A computer-executable storage medium according to Claim 19, wherein at the time of said analysis, coordinate designation means on the display screen is monitored and analysis of the display control file or downloading of said another file is started if said coordinate designation means has stayed within a certain area during a certain time period.